

K. Canella
091531369

Page 1 of 6

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/531,369

DATE: 09/14/2000
TIME: 10:25:28

Input Set : A:\Sequence.txt
Output Set: N:\CRF3\09142000\I531369.raw

4 <110> APPLICANT: Williamson, Mark
6 <120> TITLE OF INVENTION: MDA-9 AND USES THEREOF
8 <130> FILE REFERENCE: 07334-122001
10 <140> CURRENT APPLICATION NUMBER: US 09/531,369
C--> 11 <141> CURRENT FILING DATE: 1999-03-21
13 <150> PRIOR APPLICATION NUMBER: US 60/125,759
14 <151> PRIOR FILING DATE: 1999-03-23
16 <160> NUMBER OF SEQ ID NOS: 3
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 2068
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
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26 <221> NAME/KEY: CDS
27 <222> LOCATION: (76)...(970)
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31 aagaatctcg caaaa atg tct ctc tat cca tct ctc gaa gac ttg aag gta 111
32 Met Ser Leu Tyr Pro Ser Leu Glu Asp Leu Lys Val
33 1 5 10
35 gac aaa gta att cag gct caa act gct ttt tct gca aac cct gcc aat 159
36 Asp Lys Val Ile Gln Ala Gln Thr Ala Phe Ser Ala Asn Pro Ala Asn
37 15 20 25
39 cca gca att ttg tca gaa gct tct gct cct atc ctc cac gat gga aat 207
40 Pro Ala Ile Leu Ser Glu Ala Ser Ala Pro Ile Pro His Asp Gly Asn
41 30 35 40
43 ctc tat ccc aga ctg tat cca gag ctc tct caa tac atg ggg ctg agt 255
44 Leu Tyr Pro Arg Leu Tyr Pro Glu Leu Ser Gln Tyr Met Gly Leu Ser
45 45 50 55 60
47 tta aat gaa gaa gaa ata cgt gca aat gtg gcc gtg gtt tct ggt gca 303
48 Leu Asn Glu Glu Glu Ile Arg Ala Asn Val Ala Val Val Ser Gly Ala
49 65 70 75
51 cca ctt cag ggg cag ttg gta gca aga cct tcc agt ata aac tat atg 351
52 Pro Leu Gln Gly Gln Leu Val Ala Arg Pro Ser Ser Ile Asn Tyr Met
53 80 85 90
55 gtg gct cct gta act ggt aat gat gtt gga att cgt aga gca gaa att 399
56 Val Ala Pro Val Thr Gly Asn Asp Val Gly Ile Arg Arg Ala Glu Ile
57 95 100 105
59 aag caa ggg att cgt gaa gtc att ttg tgt aag gat caa gat gga aaa 447
60 Lys Gln Gly Ile Arg Glu Val Ile Leu Cys Lys Asp Gln Asp Gly Lys
61 110 115 120
63 att gga ctc agg ctt aaa tca ata gat aat ggt ata ttt gtt cag cta 495
64 Ile Gly Leu Arg Leu Lys Ser Ile Asp Asn Gly Ile Phe Val Gln Leu
65 125 130 135 140
67 gtc cag gct aat tct cca gcc tca ttg gtt ggt ctg aga ttt ggg gac 543
68 Val Gln Ala Asn Ser Pro Ala Ser Leu Val Gly Leu Arg Phe Gly Asp

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129 <212> TYPE: PRT
130 <213> ORGANISM: Homo sapiens
132 <400> SEQUENCE: 2
133 Met Ser Leu Tyr Pro Ser Leu Glu Asp Leu Lys Val Asp Lys Val Ile 15
134 1 5 10 15
135 Gln Ala Gln Thr Ala Phe Ser Ala Asn Pro Ala Asn Pro Ala Ile Leu
136 20 25 30
137 Ser Glu Ala Ser Ala Pro Ile Pro His Asp Gly Asn Leu Tyr Pro Arg 45
138 35 40
139 Leu Tyr Pro Glu Leu Ser Gln Tyr Met Gly Leu Ser Leu Asn Glu Glu
140 50 55 60
141 Glu Ile Arg Ala Asn Val Ala Val Val Ser Gly Ala Pro Leu Gln Gly 80
142 65 70 75
143 Gln Leu Val Ala Arg Pro Ser Ser Ile Asn Tyr Met Val Ala Pro Val 95
144 85 90
145 Thr Gly Asn Asp Val Gly Ile Arg Arg Ala Glu Ile Lys Gln Gly Ile
146 100 105 110
147 Arg Glu Val Ile Leu Cys Lys Asp Gln Asp Gly Lys Ile Gly Leu Arg 125
148 115 120
149 Leu Lys Ser Ile Asp Asn Gly Ile Phe Val Gln Leu Val Gln Ala Asn
150 130 135 140
151 Ser Pro Ala Ser Leu Val Gly Leu Arg Phe Gly Asp Gln Val Leu Gln 160
152 145 150 155
153 Ile Asn Gly Glu Asn Cys Ala Gly Trp Ser Ser Asp Lys Ala His Lys 175
154 165 170
155 Val Leu Lys Gln Ala Phe Gly Glu Lys Ile Thr Met Thr Ile Arg Asp 190
156 180 185
157 Arg Pro Phe Glu Arg Thr Ile Thr Met His Lys Asp Ser Thr Gly His 205
158 195 200
159 Val Gly Phe Ile Phe Lys Asn Gly Lys Ile Thr Ser Ile Val Lys Asp
160 210 215 220
161 Ser Ser Ala Ala Arg Asn Gly Leu Leu Thr Glu His Asn Ile Cys Glu 240
162 225 230 235
163 Ile Asn Gly Gln Asn Val Ile Gly Leu Lys Asp Ser Gln Ile Ala Asp 255
164 245 250
165 Ile Leu Ser Thr Ser Gly Thr Val Val Thr Ile Thr Ile Met Pro Ala 270
166 260 265
167 Phe Ile Phe Glu His Ile Ile Lys Arg Met Ala Pro Ser Ile Met Lys 285
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170 290 295
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173 <211> LENGTH: 894
174 <212> TYPE: DNA
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177 <400> SEQUENCE: 3
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179 gcttttctg caaacccgtc caatccagca attttgc aagttctgc tcctatccct 120
180 cacatggaa atctctatcc cagactgtat ccagagctct ctcatacatat ggggtgagt 180

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181	ttaaatgaag aagaataacg tgc当地atgtg	240
182	cagttggtag caagaccc tc当地ataaac tataatgggg	300
183	gttggaaatc gtagagcaga aattaagcaa gggattcgta aagtcatttt	360
184	caagatggaa aaatggact caggctaaa tcaatagata atggatattt	420
185	gtccaggctc attctccagc ct当地atgggt ggtctgagat ttggggacca	480
186	atcaatggtg aaaactgtgc aggatggagc tctgataaaag cgcacaagg	540
187	gcttttgag agaagattac catgaccatt cgtgacaggg ccttgaacg gacgattacc	600
188	atgcataagg atagcactgg acatgttgg tttattttta aaaatggaaa aataacatcc	660
189	atagtgaaag atagctctgc agccagaaat ggtcttctca cggAACATAA catctgtgaa	720
190	atcaatggac agaatgtcat tgattgaag gactctaaa ttgcagacat actgtcaaca	780
191	tctggactg tagttaactat tacaatcatg cctgcttttta tctttgaaca tattattaag	840
192	cggatggcac caagcattt gaaaaggcttta atggaccaca ccattcctga ggtt	894

VERIFICATION SUMMARY DATE: 09/14/2000
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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:104 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 1

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- 6. ~~The paper copy of the "Sequence Listing" is not the same as the computer readable form of the Sequence Listing as required by 37 C.F.R. 1.821(e).~~
- 7. Other: _____

Applicant Must Provide:

- An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856

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